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5 Number of Pages (including this page)

Date: October 28, 2004
To: Pankaj Kumar - 2631
Location: United States Patent and Trademark Office
Fax No.: (703) 872-9306
From: James L. Clingan, Jr. - 30,163
Subject: 09/438,288- Chengke Sheng

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MESSAGE:

Enclosed herewith, please find a FORMAL AMENDMENT for filing in the below-identified application.

ALL ITEMS MARKED WITH AN "X" ARE INCLUDED:

1.	x	1 page Facsimile Cover Sheet
2.	x	4 page Amendment

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PLEASE GIVE THESE PAPERS TO:

EXAMINER: Pankaj Kumar
GROUP ART UNIT: 2631
SERIAL NO.: 09/438,288
FILED: NOVEMBER 12, 1999
INVENTOR: CHENGKE SHENG

MISSING 3 PAGES

DOCKET NO. 625118BA

UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S) Chengke Sheng
 APPL. NO.: 09/438,288
 FILED: November 12, 1999
 TITLE: CHIP RATE BASE BAND RECEIVER PROCESSOR WHICH RECEIVES DIGITAL INFORMATION CONTAINING SYMBOL INFORMATION

gives digital information
 t, comprising
 is

pilot PN code buffer, a second
 input;
 a PN code buffer, a second
 input;
 out of the first multiplier, and

is detector, a second input

channel estimator, a second
 input; and
 phase rotator, and an output

comprising a cluster tracker
 coupled to the pilot PN code

the output of the cluster

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10/28/04

Elaine Cox

Signature

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AMENDMENT

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action dated August 2, 2004, and Examiner's comments with regard hereto, please enter the following amendments in the above-entitled application, without prejudice or disclaimer.

If Applicant has overlooked any additional fees, or if any overpayment has been made, the Commissioner is hereby authorized to credit or debit Deposit Account: 503079.

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